

The crystallographic information for crystal structure of Cr₂N

Lattice parameter: a = 4.800(4) and c = 4.472(5) Å

Ordered Cr ₂ N superstructure (trigonal, space group: $P\bar{3}1m$)			
Atom	Wyckoff position	Atom position	Occupancies
Cr	6k	x = 0.346(8)	1.0
		y = 0.000	
		z = 0.244(6)	
N	1a	(000)	1.00(5)
	1b	$(00\frac{1}{2})$	0.00
	2d	$(\frac{1}{3}\frac{2}{3}\frac{1}{2})$ and $(\frac{2}{3}\frac{1}{3}\frac{1}{2})$	0.74(9)
	2c	$(\frac{1}{3}\frac{2}{3}0)$ and $(\frac{2}{3}\frac{1}{3}0)$	0.12(3)